Index of Claims

| Appl | icatio | n/Co | ntrol | No. |
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|------|--------|------|-------|-----|

10/813,527 Examiner

Olga Asinovsky

Applicant(s)/Patent under Reexamination

PARK, EDWARD HOSUNG

Art Unit

1711

Rejected

(Through numeral) Cancelled

Non-Elected N

**Appeal** Α 0

Objected

Allowed

Restricted

Interference

| Claim .      |          | <b>Date</b> |  |          |              |                                     |              |          |                                     |                 |
|--------------|----------|-------------|--|----------|--------------|-------------------------------------|--------------|----------|-------------------------------------|-----------------|
| Final        | Original | 03/05/6     | //   |          |              |                                     |              |          |                                     |                 |
| -            | 1        | ν.          | Ė  | _        |              | $\vdash$                            |              | H        | -                                   | $\dashv$        |
|              | 3        | v           |  | -        | -            |                                     |              |          | H                                   | Н               |
|              | 2 3      | v           |  |          |              | -                                   |              |          | -                                   | -               |
| <b>-</b>     | 4        | v           |  | $\vdash$ | _            | $\vdash$                            | -            |          | -                                   | Н               |
|              | 5        | v           | ┢  | $\vdash$ |              | -                                   | -            |          |                                     | $\neg$          |
|              | 6        | v           | $\vdash$   |          |              | -                                   |              |          |                                     | $\dashv$        |
| -            | 7        | v           | <del>                                     </del> | -        | $\vdash$     | -                                   |              |          |                                     | $\dashv$        |
|              | 8        | v           | ╁╌   | -        | $\vdash$     | $\vdash$                            |              | $\vdash$ |                                     | $\dashv$        |
|              | 9        | v           | $\vdash$   | -        | -            | -                                   |              |          | -                                   | $\dashv$        |
|              | 10       | v           | $\vdash$   | -        |              | -                                   |              |          | -                                   | H               |
| $\vdash$     | 11       | V           | <del> </del>                                     |          | _            | Н                                   | П            | $\vdash$ | $\vdash$                            | Н               |
|              | 12       | v           | <del>                                     </del> |          | _            | $\vdash$                            | Н            | Н        | $\vdash$                            | Н               |
|              | 13       | v           | <del>                                     </del> | $\vdash$ | $\vdash$     | $\vdash$                            | Н            |          |                                     | Н               |
|              | 13<br>14 | v           | T  |          | $\vdash$     |                                     | Т            | П        |                                     | Н               |
|              | 15       | 1           | Ι-   |          | Г            |                                     |              |          |                                     | Н               |
|              | 16       | ٠,          | T  |          | <u> </u>     | 1                                   |              |          |                                     | Н               |
|              | 16<br>17 | H           | -  |          |              |                                     |              |          |                                     | П               |
|              | 18       | $\sqcap$    |  |          |              |                                     |              |          |                                     | П               |
|              | 19       | H           | Г  |          |              | П                                   | _            |          |                                     | П               |
|              | 20       | П           |  | Г        |              |                                     |              |          |                                     | П               |
|              | 21       | П           |  |          |              |                                     |              |          |                                     | П               |
|              | 21<br>22 | 1           |  |          |              |                                     |              |          |                                     | П               |
|              | 23       | :           |  |          |              | Г                                   |              |          |                                     | П               |
|              | 24       | 5           |  |          |              |                                     |              |          |                                     |                 |
|              | 25       | П           |  |          |              |                                     |              |          |                                     |                 |
|              | 26       |             |  |          |              |                                     |              |          |                                     |                 |
|              | 27       | L           |  |          |              |                                     |              |          |                                     |                 |
|              | 28       | Ш           | $oxed{oxed}$                                     |          |              | Ш                                   |              |          |                                     |                 |
|              | 29       | L           | 匚  |          |              |                                     |              |          |                                     |                 |
|              | 30       |             |  |          |              |                                     |              |          |                                     |                 |
|              | 31       | Ш           | _  | L        |              |                                     |              |          |                                     |                 |
|              | 32       | Щ.,         | <u> </u>   | <u>L</u> | L            |                                     | L            | <u> </u> | L_                                  | Ш               |
|              | 33       | 止           | <u> </u>   | <u> </u> | L_           | _                                   | <u> </u>     |          | L_                                  | Ш               |
| <u> </u>     | 34       | Щ.          | <u> </u>   | <u> </u> | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Щ            | Щ        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш               |
| <u> </u>     | 35       | 11          | <u> </u>   | <u> </u> | <u> </u>     | lacksquare                          | <u> </u>     | _        | _                                   | Ш               |
| <u></u>      | 36       | 11          | <b> </b> _                                       | <u> </u> | <u> </u>     | <u> </u>                            | <u> </u>     | <u> </u> | L                                   | Ш               |
|              | 37       | #           | <u> </u>   | ├—       | <u> </u>     | <u> </u>                            | <u> </u>     | <u> </u> | <b> </b>                            | Щ               |
| <u> </u>     | 38<br>39 | ₩           | ⊢  | ⊢        | <u> </u>     | ⊢                                   | <u> </u>     | ⊢-       | $\vdash$                            | Щ               |
| <u> </u>     |          | <b>├</b> ⁴  | <del> </del>                                     | ├-       | <u> </u>     | $\vdash$                            |              | ⊢        | ⊢                                   | Щ               |
|              | 40       | ᆣ           |  | ├        | $\vdash$     | ├                                   |              | $\vdash$ | ├                                   | Н               |
| <u> </u>     | 41<br>42 | 1           | $\vdash$   | ├        | ⊢            | $\vdash$                            | <u> </u>     | $\vdash$ | $\vdash$                            | Н               |
|              | 42       | ╁┼          | ├  | -        | $\vdash$     | -                                   | $\vdash$     | $\vdash$ | $\vdash$                            | Н               |
|              | 44       | ₩           | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$                            | <del> </del> | ├        | <u> —</u>                           | Н               |
| <del> </del> | 45       | ₩           | -  | <u> </u> | -            |                                     | -            | $\vdash$ | <u> </u>                            | $\vdash \vdash$ |
| -            | 45       | ₩           | ├  | -        | $\vdash$     | ⊢                                   | $\vdash$     | $\vdash$ | H                                   | $\vdash \vdash$ |
| <u> </u>     | 46       | H           | ├-   | $\vdash$ | ⊢-           | <del> </del>                        | <del> </del> | $\vdash$ | <del> </del>                        | $\vdash \vdash$ |
| <del> </del> | 48       | H           | $\vdash$   | $\vdash$ | <del> </del> | -                                   | $\vdash$     | $\vdash$ | <del> </del>                        | ${\mathbb H}$   |
|              | 48       | :           | ⊢  | -        | ├            | $\vdash$                            | $\vdash$     | $\vdash$ | ⊢                                   | Н               |
|              | . 43     |             |  |          |              |                                     |              |          |                                     |                 |

|          |                | _        |              |          |            |          | _  |              |  |          |  |  |
|----------|----------------|----------|--------------|----------|------------|----------|--|--------------|--|----------|--|--|
| Cla      | Claim          |          | ·—           | ,        | _[         | Date     | =  |              |  |          |  |  |
| Final    | Original       | 20/20/8  |              |          |            |          |  |              |  |          |  |  |
|          | 51             | Ē        |              |          | L          |          |  |              |  |          |  |  |
|          | 52             | _        |              |          |            |          |  |              |  |          |  |  |
|          | 53             | Ŀ        |              | L        |            |          |  | Ш            |  | Щ        |  |  |
| <u> </u> | 54<br>55       | <u>:</u> | <u> </u>     | H        | _          | $\vdash$ | $\vdash$   | $\vdash$     |  | _        |  |  |
| <u> </u> | 56             | 1        | <del> </del> | -        |            |          | <u> </u>   | -            |  |          |  |  |
|          | 57             | ╂┼╴      | ⊢            | H        | Н          | $\vdash$ | _  | _            | _  | -        |  |  |
| $\vdash$ | 58             | -        | H            |          |            | _        | $\vdash$   | _            |  |          |  |  |
|          | 59             | :        |              |          |            |          |  |              |  |          |  |  |
|          | 60             | ì        |              |          |            |          |  |              |  |          |  |  |
|          | 61             | Ш        |              |          |            |          |  |              |  |          |  |  |
| <u> </u> | 62             | Щ.       | <u> </u>     | ļ        |            |          | _  |              |  | Ш        |  |  |
| <u> </u> | 63<br>64       | ₩        | <u> </u>     | -        | <u> </u>   | _        |  |              | _  | Н        |  |  |
|          | 65             | Н        | ├            | ⊢        | ├          |          | ├  |              | -  | $\vdash$ |  |  |
| -        | 66             | H        | $\vdash$     | $\vdash$ | H          | H        | $\vdash$   |              |  | $\vdash$ |  |  |
|          | 67             | Ħ        | -            | -        | -          |          |  |              |  | М        |  |  |
|          | 68             | Ħ        |              |          |            |          |  |              |  | П        |  |  |
|          | 69             | П        |              |          |            |          |  |              |  |          |  |  |
|          | 70             | Ш        |              |          |            |          |  |              |  |          |  |  |
|          | 71<br>72<br>73 | Ц        | <u> </u>     |          |            |          | _  |              |  | Ш        |  |  |
| <u> </u> | 72             | H        | ┡            | L        | L          |          | _  |              | _  | Ш        |  |  |
| <b> </b> | 74             | H        | ⊢            | H        | H          |          |  | _            | _  | Н        |  |  |
|          | 74<br>75       | H        | $\vdash$     | H        |            |          | ┢  | $\vdash$     |  | $\vdash$ |  |  |
|          | 76             | H        | $\vdash$     | ┢        |            | H        | l  | $\vdash$     | <del>                                     </del> | П        |  |  |
|          | 77             |          |              |          |            |          |  |              |  |          |  |  |
|          | 78             | П        |              |          |            |          |  |              |  |          |  |  |
|          | 79             | Ц        | L            | Ш        | L          |          | L  |              | <u> </u>   |          |  |  |
| <u> </u> | 80             | H        | ┡            | L        | -          | _        | <u> </u>   | <u> </u>     |  | Н        |  |  |
|          | 81<br>82       | ₩        | H            | -        |            | _        |  |              | -  | Н        |  |  |
|          | 83             | ╫        | ├            | -        | H          | $\vdash$ |  | $\vdash$     |  | $\vdash$ |  |  |
| <u> </u> | 84             |          | H            |          | -          | -        | H  |              | <u> </u>   | H        |  |  |
|          | 85             | Ħ        | T            |          |            |          |  |              |  | П        |  |  |
|          | 86             |          |              |          |            |          |  |              |  |          |  |  |
|          | 87             |          |              |          |            |          |  |              |  |          |  |  |
|          | 88             | L        | L.           | L        | <u> </u>   | _        | <u> </u>   |              | <u> </u>   | <u> </u> |  |  |
| <b></b>  | 89             | <u> </u> | <u> </u>     | <u> </u> |            | -        |  |              | <u> </u>   |          |  |  |
| -        | 90             | ⊢        | ⊢            | ⊢        | ⊢          | H        | -  | <u> </u>     | ├  | $\vdash$ |  |  |
|          | 92             | ┢        | -            | ┢        | $\vdash$   | ├        | ┢  |              | ┢  | Н        |  |  |
|          | 93             |          | $\vdash$     | Г        | $\vdash$   | Г        | <del>                                     </del> | Т            | H  | Н        |  |  |
|          | 94             |          |              |          |            |          |  |              |  |          |  |  |
|          | 95             |          |              |          |            |          |  |              |  |          |  |  |
| <b></b>  | 96             | <u> </u> | <u> </u>     | L        | <u> </u>   | L        | <u> </u>   | L            | L  |          |  |  |
| <u> </u> | 97             | <b>L</b> | <u> </u>     | <u> </u> | <b> </b> _ | <u> </u> | ├-   | ļ            | <u> </u>   | $\vdash$ |  |  |
| $\vdash$ | 98<br>99       |          | ├            | $\vdash$ | ├          | $\vdash$ | $\vdash$   | -            | $\vdash$   | $\vdash$ |  |  |
| $\vdash$ | 100            | -        | $\vdash$     | -        | ├-         | -        | -  | <del> </del> | $\vdash$   | $\vdash$ |  |  |
| Щ_       |                | Щ.       | L            | <u> </u> | L          | Ļ        | Ц  | L            | Ц  | لــا     |  |  |

| Claim   |            | Date         |          |              |          |               |          |          |          |                      |
|---------|------------|--------------|----------|--------------|----------|---------------|----------|----------|----------|----------------------|
| Final   | Original   |              |          |              |          |               |          |          |          |                      |
| 4       |            |              |          |              |          |               |          |          |          |                      |
|         | 101        |              |          |              |          |               |          |          |          |                      |
|         | 102        |              |          | <b>.</b>     |          |               |          |          |          | $\dashv$             |
|         | 103<br>104 |              | _        | Н            |          | _             | Н        |          |          | $\dashv$             |
|         | 105        | Н            | _        | -            | _        | _             |          | -        | ⊢        | $\dashv$             |
|         | 106        |              | _        |              | _        |               |          |          | $\vdash$ | $\dashv$             |
|         | 107        |              | -        | _            |          | _             |          | _        | _        |                      |
|         | 108        |              |          |              |          |               |          |          |          |                      |
|         | 109        |              |          |              |          |               |          |          |          |                      |
|         | 110        | L.,          |          | L            |          | _             |          |          |          | Ш                    |
|         | 111        |              | ļ        | -            | <u> </u> | L             | H        | <u> </u> | H        | Н                    |
| L       | 112<br>113 | $\vdash$     | <u> </u> | $\vdash$     | _        | ⊢             | $\vdash$ | H        | H        | $\vdash \vdash$      |
|         | 114        | -            | $\vdash$ |              |          | H             |          | H        | $\vdash$ | $\vdash\vdash$       |
|         | 115        |              | $\vdash$ | ┢            | -        | Н             | H        | H        | H        | $\vdash \vdash$      |
|         | 116        |              |          | T            |          |               |          |          |          | $\vdash$             |
|         | 117        |              |          |              |          |               |          |          |          |                      |
|         | 118        |              |          |              |          |               |          |          |          |                      |
|         | 119<br>120 |              |          |              |          |               |          |          |          | Ш                    |
| ļ       | 120        |              |          |              |          |               |          |          | ļ        |                      |
|         | 121        | H            | _        | H            | _        | -             |          |          |          |                      |
|         | 122<br>123 | $\vdash$     |          | $\vdash$     | _        | ┝             |          |          | _        | Н                    |
|         | 124        | $\vdash$     | H        | ┢            | _        | -             |          | -        | -        |                      |
|         | 125        | H            |          | Н            |          |               |          |          |          |                      |
|         | 126        |              |          |              |          |               |          |          |          |                      |
|         | 127        |              |          |              |          |               |          |          |          |                      |
|         | 128        | ᆫ            | L        | L            |          | Ш             |          | _        |          | Ш                    |
|         | 129        | ┡            | <u> </u> | ├_           | _        | <u> </u>      |          |          |          |                      |
| _       | 130<br>131 | <del> </del> |          |              | _        | _             |          | _        | _        | Н                    |
|         | 132        | -            | _        | ├            | -        |               | -        | -        | -        |                      |
|         | 133        | H            |          | $\vdash$     |          |               |          |          |          | $\vdash$             |
|         | 133<br>134 |              |          |              | -        | Н             | -        |          | -        | $\vdash$             |
|         | 135        |              |          |              |          |               |          |          |          | П                    |
|         | 136        |              |          |              |          |               |          |          |          |                      |
|         | 137        |              | _        | L            |          | _             | L        | <u> </u> |          | Ш                    |
|         | 138        | _            | $\vdash$ | $\vdash$     | <u> </u> | -             | $\vdash$ | $\vdash$ | ├-       | $\vdash \vdash$      |
| ļ       | 139<br>140 | -            | ⊢        | -            | <u> </u> |               | $\vdash$ | ⊢        | ├        | ⊢⊢                   |
| <b></b> | 141        | ┝            |          | -            | H        | <del> -</del> |          |          | ┝        | $\vdash$             |
|         | 142        | $\vdash$     | ┢        | <del> </del> | ┢        | Ι             | Н        | $\vdash$ | $\vdash$ | H                    |
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| ļ       | 147        | <b> </b>     | _        | ļ            | <u> </u> | <u> </u>      | <u> </u> | L.       | _        | Щ                    |
|         | 148<br>149 | $\vdash$     | <u> </u> | ├-           | <u> </u> | $\vdash$      | $\vdash$ | $\vdash$ | -        | $\vdash \vdash \mid$ |
|         | 150        | $\vdash$     | $\vdash$ | ├            | ┝        | $\vdash$      | $\vdash$ | $\vdash$ | $\vdash$ | Н                    |
|         | 1,30       |              | Ц.       | ــــ         | L        |               |          | Щ.       |          | لب                   |